

GP-303797

## SEVEN- OR EIGHT-SPEED TRANSMISSION

### ABSTRACT OF THE DISCLOSURE

A multi-speed transmission includes an input shaft, an output shaft, and three planetary gear sets. The ring gear of the second planetary gear set is integral with the ring gear of the first planetary gear set, and the  
5 carrier of the second planetary gear set is continuously connected with the carrier of the first planetary gear set. Six torque-transmitting mechanisms are engaged in combinations of two to establish at least seven forward speed ratios and a reverse speed ratio between the input shaft and the output shaft.